

Variable	Mean	SD	Min	Max
Age	35.2	10.5	20	55
Gender				
Male	58.5	49.5	0	100
Female	41.5	49.5	0	100
Marital status				
Married	65.5	48.5	0	100
Single	34.5	48.5	0	100
Education				
High school	15.5	15.5	0	30
College	25.5	15.5	0	30
Postgraduate	59.0	15.5	0	30
Income				
Low	15.5	15.5	0	30
Medium	45.5	15.5	0	30
High	39.0	15.5	0	30
Occupation				
Student	15.5	15.5	0	30
Employee	45.5	15.5	0	30
Self-employed	39.0	15.5	0	30
Religion				
Islam	55.5	49.5	0	100
Christianity	44.5	49.5	0	100
Others	0.0	0.0	0	100
Health status				
Good	65.5	48.5	0	100
Poor	34.5	48.5	0	100
Smoking status				
Smoker	15.5	15.5	0	30
Non-smoker	84.5	15.5	0	30
Alcohol consumption				
Yes	15.5	15.5	0	30
No	84.5	15.5	0	30
Exercise frequency				
Regular	15.5	15.5	0	30
Irregular	84.5	15.5	0	30
Stress level				
Low	15.5	15.5	0	30
Medium	45.5	15.5	0	30
High	39.0	15.5	0	30
Depression score				
Low	15.5	15.5	0	30
Medium	45.5	15.5	0	30
High	39.0	15.5	0	30
Life satisfaction				
High	15.5	15.5	0	30
Medium	45.5	15.5	0	30
Low	39.0	15.5	0	30

1. a mechanical user interface (MUI) for a wireless communications device comprising:
 - a communications keypad coupled to the steering wheel of a motor vehicle
 - a visual operational display
 - a method inherent in physical design enabling operation by touch rather than sight
2. the invention in accordance with claim 1 further comprising:
 - a remote and/or direct communications link to a host cell-phone
 - a remote and/or direct communications link to a voice/speaker interface or headset
3. the invention in accordance with claim 1 further comprising:
 - a communications keypad coupled to a steering wheel
 - a remote and/or direct communications link to a host cell-phone
 - a remote and/or direct communications link to a voice/speaker interface or headset
4. the invention in accordance with claim 1 further comprising:
 - a remote and/or direct communications link to a cell phone
5. the invention in accordance with claim 1 further comprising:
 - wireless communication connectivity
6. the invention in accordance with claim 1 further comprising:
 - a remote and/or direct communications link to the internet
7. the invention in accordance with claim 1 further comprising:
 - operational keys placed so as to be positioned on the backside of the steering wheel relative to the vehicle operator
8. the invention in accordance with claim 1 further comprising:
 - operational keys placed so as to be positioned at the fingertips of the vehicle operator.
9. the invention in accordance with claim 1 further comprising:
 - raised lettering
10. the invention in accordance with claim 1 further comprising:
 - raised lettering on keys placed off-center of key as tactile cue
11. the invention in accordance with claim 1 further comprising:
 - a visual operational-display which rotates, allowing it to be read vertically and horizontally
12. the invention in accordance with claim 1 further comprising:
 - a rotating visual operational-display capable of maintaining verticality independent of the plain maintained by the MUI control facial.

13. the invention in accordance with claim 1 further comprising:
a speakerphone
14. the invention in accordance with claim 1 further comprising:
a wireless headset
15. the invention in accordance with claim 1 further comprising:
wireless connectivity
16. the invention in accordance with claim 1 further comprising:
a rotating visual operational-display
wireless two-way connectivity
a wireless headset
a speakerphone
17. A method for operation of a mechanical user interface (MUI) for a wireless communications device coupled to the steering wheel of a motor vehicle comprising:
- placement of at least one hand on steering wheel *in order* that a user may initiate or otherwise transact wireless communication through the act of depression of keys on keypad.
- tactile operational cues on fascia and housing designed for method of operation not requiring visual cues for operation.
- keypad operation through the use of tactile cues on fascia and housing allowing through method and utility a vehicle operator's train of vision to remain unimpeded.
18. The invention in accordance with claim 17 further comprising:
tactile operational cues not requiring visual cues for operation including,
raised lettering on keys
19. The invention in accordance with claim 17 further comprising:
raised lettering on housing
20. The invention in accordance with claim 17 further comprising:
tactile operational cues not requiring visual cues for operation including,
key placement positioned along the backside of steering wheel.
21. The invention in accordance with claim 17 further comprising:
tactile operational cues not requiring visual cues for operation including,
shape and patterning of key arrangement
22. The invention in accordance with claim 17 further comprising:
tactile operational cues not requiring visual cues for operation including,
shape of keys

23. The invention in accordance with claim 17 further comprising:
tactile operational cues not requiring visual cues for operation including,
angle of keys
24. The invention in accordance with claim 17 further comprising:
tactile operational cues not requiring visual cues for operation including,
finger grooves and bumps for orientation of hand along fascia
25. The invention in accordance with claim 17 further comprising:
tactile operational cues not requiring visual cues for operation including,
finger grooves and bumps for orientation of hand along housing
26. The invention in accordance with claim 17 further comprising:
operational keys placed so as to be positioned at the fingertips of the vehicle operator.
27. The invention in accordance with claim 17 further comprising:
tactile operational cues not requiring visual cues for operation including,
operational keys placed so as to be positioned on the backside of the steering wheel
relative to the vehicle operator
28. The invention in accordance with claim 17 further comprising:
tactile operational cues not requiring visual cues for operation including,
raised lettering on keys
patterning of key placement
shape of keys
angle of keys
finger grooves and bumps for orientation of user's hand along fascia
finger grooves and bumps for orientation of user's hand along housing
operational keys placed so as to be positioned on the backside of the steering wheel
operational keys placed so as to be positioned at the fingertips of the vehicle operator.
29. A mechanical user interface (MUI) for a wireless communications device comprising:

a communications keypad coupled to the steering wheel of a motor vehicle

a communications keypad capable of being readily uncoupled from the steering wheel of a
motor vehicle

keypad operation through the use of tactile cues on fascia and housing

tactile operational cues on fascia and housing designed for method of operation not requiring
visual cues for operation
30. The invention in accordance with claim 29 further comprising:
raised lettering on housing

31. The invention in accordance with claim 29 further comprising:
key placement positioned along the backside of steering wheel.
32. The invention in accordance with claim 29 further comprising:
tactile operational cues not requiring visual cues for operation including,
shape and patterning of key arrangement
33. The invention in accordance with claim 29 further comprising:
tactile operational cues not requiring visual cues for operation including,
shape of keys
34. The invention in accordance with claim 29 further comprising:
tactile operational cues not requiring visual cues for operation including,
angle of keys
35. The invention in accordance with claim 29 further comprising:
finger grooves and bumps for orientation of hand along fascia
36. The invention in accordance with claim 29 further comprising:
finger grooves and bumps for orientation of hand along housing
37. The invention in accordance with claim 29 further comprising:
operational keys placed so as to be positioned on the backside of the steering wheel
relative to the vehicle operator
38. The invention in accordance with claim 29 further comprising:
finger and/or hand positioning groove/s and/or ridges enabling user orientation by touch to
key-pad
39. The invention in accordance with claim 29 further comprising:
tactile operational cues not requiring visual cues for operation including,
raised lettering on keys
patterning of key placement
shape of keys
angle of keys
finger grooves and bumps for orientation of user's hand along fascia
finger grooves and bumps for orientation of user's hand along housing
finger and/or hand positioning groove/s and/or ridges
operational keys placed so as to be positioned on the backside of the steering wheel
operational keys placed so as to be positioned at the fingertips of the vehicle operator.
40. The invention in accordance with claim 29 further comprising:
tactile design orientations on dialing fascia coupled to steering wheel enable a motor vehicle
operator to maintain consistent hand contact with the steering wheel, while initiating,
fielding, or terminating phone calls through the method of touch.

- [illegible]

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